

# High School to College Articulation Map

**Area of Study:** Trade & Technical Education

**Pathway:** Precision Production Trades-Welding

**National Career Cluster:** Architecture & Construction

<b>Region:</b> Mountainland <b>District(s):</b> Alpine, Provo, Nebo, Wasatch, No. Summit, So. Summit, Park City <b>School :</b> <b>REGIONAL AGREEMENT</b> <b>Contact person:</b> Lisa Birch <b>Ph.#:</b> 801-492-2900 <b>e-mail:</b> <a href="mailto:lisa.birch@mountainlandatc.org">lisa.birch@mountainlandatc.org</a> <b>Date:</b> 10/04/06	<b>College / Institution:</b> Utah Valley State College <b>Articulation Agreement in place?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>Name of Degree or Certificate:</b> AAS in Welding Technology (64 Credits Required)
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High School				College		
Course #	High School Suggested Courses	H.S. Credit	College Credits	Course #	College General Education Requirements	Credits
<b>ENGL</b>	<b>ENGLISH</b>		<b>2</b>	<b>ENGL</b>	<b>ENGLISH</b>	<b>2</b>
ENGL1010	College Writing * **	1		ENGL1010	Introduction to Writing (3.0)	
				ENGL1060	Career Writing for Technology (3.0)	
				ENGL106A	Career Writing for Technology—A (2.0)	
				MGMT2200	Business Communications (3.0)	
<b>MATH</b>	<b>MATHEMATICS</b>		<b>2</b>	<b>MATH</b>	<b>MATHEMATICS</b>	<b>2</b>
MATH1010	Intermediate Algebra ** (4.0)	1		MATH1010	Intermediate Algebra (4.0)(or any higher mathematics course or any approved Departmental Mathematics Course)	
	<b>HUMANTIES/FINE ARTS</b> Complete one course from the following: (each class generates 3.0 credits)		<b>2</b>		<b>HUMANITIES/FINE ARTS</b> Complete one course from the following: (each class generates 3.0 credits)	<b>2</b>
				PHIL2050	Ethics and Values (recommended)	
HUM1010	Humanities * **	1		HUM1010	Humanities Through the Arts	
COMM1020	Public Speaking **	1		COM1020	Public Speaking	
ART1010	Art/Art Foundations *			ART1010	Introduction to Visual Arts	
50.0406	Photo II *			ART1050	Photography I	
ART1110	AP Drawing *			ART1110	Drawing I	
ART1340	3-D Design II *			ART1340	Sculpture I	
ART1350	Ceramics II *			ART1350	Ceramics I	
ARTH2720	Art History *			ARTH2720	History of Art from the Renaissance	
MUSC1010	Music Appreciation *			MUSC1010	Introduction to Music	
THEA1013	Introduction to Theater **			THEA1013	Introduction to Theater	
THEA1023	Film/Video Production I or II *			THEA1023	Introduction to Film	
				→	Any other approved Humanities/ Fine Arts distribution course	

	<b>BIOLOGY/PHYSICAL SCIENCE</b> Complete one course from the following:		<b>2</b>		<b>BIOLOGY/PHYSICAL SCIENCE</b> Complete one course from the following:	<b>2</b>
21.0105	Physics w/Technology (2.0)	.50		PHYS1810	Principles of Technology I (recommended) (2.0)	
				PHYS1820	Principles of Technology II (recommended) (2.0)	
BIOL1010	AP Biology * Gen. Biology ** (3.0)	1		BIOL1010	General Biology (3.0)	
GEO1010	Geology * Intro. To Geology ** (3.0)	1		GEO1010	Introduction to Geology (3.0)	
PHYS1010	Physics Honors/Engr. I * (3.0)	1		PHYS1010	Elementary Physics (3.0)	
PHYS1040	Astronomy * (3.0)	1		PHYS1040	Elementary Astronomy (3.0)	
				→	Any other approved Biology/Physical Science distribution course	
	<b>SOCIAL/BEHAVIORAL/POLITICAL SCIENCE</b> Complete one course from the following: (each class generates 3.0 credits)		<b>2</b>		<b>SOCIAL/BEHAVIORAL/POLITICAL SCIENCE</b> Complete one course from the following: (each class generates 3.0 credits)	<b>2</b>
				MGMT3000	Organizational Behavior (recommended)	
GEOG1300	Survey of World Geography **	1		GEOG1300	Survey of World Geography	
HIST1100	History of Civilization *	1		HIST1100	History of Civilization I	
HIST1700	AP US History *	1		HIST1700	American Civilization	
52.0211	Business Management *	.5		MGMT1010	Introduction to Business	
MGMT2020	Macroeconomics **			MGMT2020	Macroeconomics	
POLS1100	American National Government **	1		POLS1100	American National Government	
PSY1010	AP Psychology * Gen. Psych. **	1		PSY1010	General Psychology	
SOC1010	Sociology * Intro to Sociology **	1		SOC1010	Introduction to Sociology	
				→	Any other approved Social/Behavioral Science distribution course	
	<b>PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT</b>		<b>1</b>		<b>PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT</b>	<b>1</b>
HLTH1100	Personal Health & Wellness ** (2.0)			HLTH1100	Personal Health & Wellness (2.0)	
				→	Any other approved Physical Ed./Heath/Safety or Environment distribution course	
→	Any 5 additional credits from above (credits can be fulfilled by adding up extra credit point from each distribution)		<b>5</b>	→	Any 5 additional credits from above (credits can be fulfilled by adding up extra credit point from each distribution)	<b>5</b>
H.S.Total (General Ed.)And Other Available Credits			<b>16</b>	College Total Credits		<b>16</b>

Course CIP #	High School Career Pathway Courses (min. 4 Required)	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
	Students may select individual courses for exploration or complete pathway for an in-depth focus.					
<b>Course #</b>	<b>Foundation Course: (3.00 required)</b>	<b>Credit</b>				
48.0508	Welding *	1.00				
	<b>Elective Courses: (choose 1.00 credit)</b>					
48.0503	Machine Tool	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				WELD1100	Essentials of Welding	8
				WELD1200	Intermediate Arc Welding	6
				WELD1210	Print Read And Layout	6
				WELD1250	Math for Welders	2
				WELD2300	Portable and Advanced Arc Welding	7
				WELD2310	Welding Inspection	2
				WELD2320	Metallurgy	4
				WELD2400	Industrial Joining Processes	8
				WELD2410	Advanced Blueprint and Design	3
					<b>Recommended Courses:</b>	
				AIM1000	Keyboarding Basics (1.0)	
				AIM1350	Beginning Word-processing (3.0)	
	<b>Additional Articulation Requirements:</b>					
15.1301	Basic Drafting *	.50	2	EGDT1000	Basic Drafting	2
<b>Total Pathway Credits</b>			<b>2</b>	<b>Total Major Course Credits Required</b>		<b>48</b>
<b>TOTAL Potential(college) Credits Earned in High School</b>			<b>18</b>	<b>TOTAL Credits Required for Major</b>		<b>69</b>

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. Also, District CIP codes may differ, contact your district for specific CTE class offerings.

**Note:** \* = concurrent    \*\* = distant